



DF-49

Evita la estratificación y controla la velocidad del aire en la zona ocupada

It avoids stratification and controls the air velocity in the occupied zone

Tobera DF-49 Termorregulabile

Operation

When hot air is supplied (drawing 1), the own mechanism moves the nozzle downwards, finding the optimum angle previously set, with no need of power or manual operation. This way, the air joins the occupied zone with the right angle covering all the room. This mechanism moves the nozzle vertically until approximately -30° maximum.

The opposite effect is produced air is supply when cold (drawing 2).

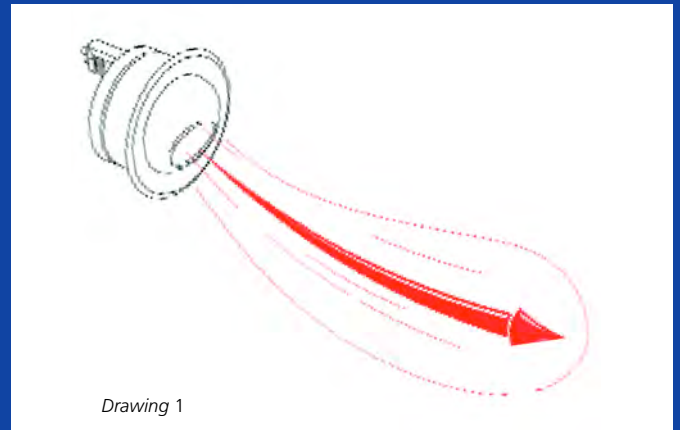
Components

The screw (1) works as stop when the nozzle swivels up for Cooling, the standard angle being 0° .

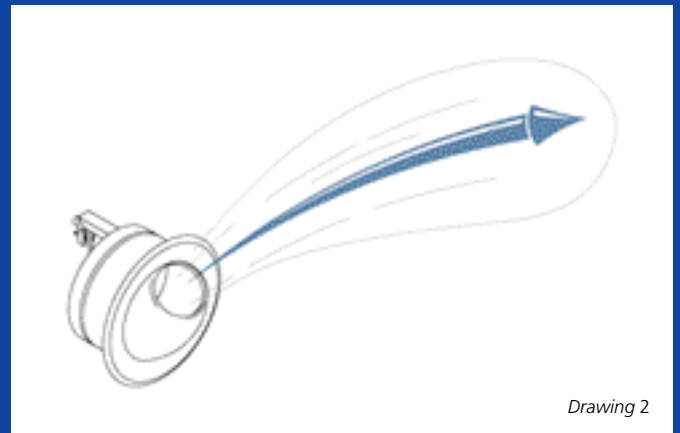
As the temperature of the supply air increases, the thermo-adjustable element (2) starts to push the operation lever (3). The nozzle will move downwards in direct proportion to the temperature of the supply air. In the same way, if the supply air temperature decreases, the thermo-adjustable element (2) starts to release pressure against the operation lever (3) allowing the nozzle to swivel upwards.

There is a scale where the inclination of the nozzle is showed.

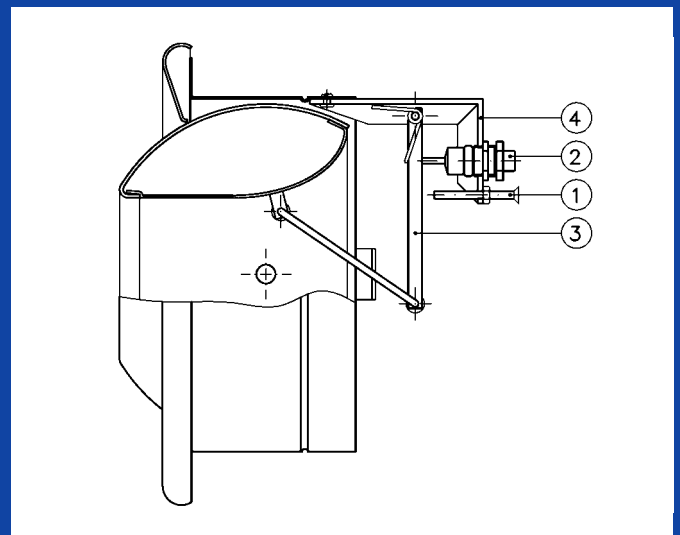
The necessary supply temperature in heat is $\geq 30^\circ\text{C}$.



Drawing 1



Drawing 2



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